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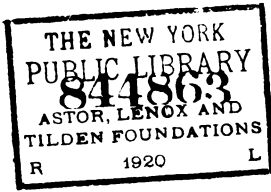
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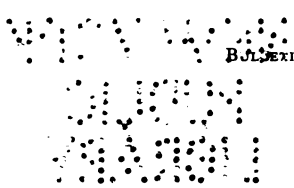
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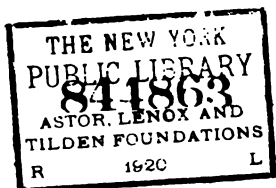
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**Bludau, Alos.** Panama-Kanal. Size within border: →4 × ↑3¾ in. (Inset map in his: Flemmings Karte von Mexiko... Berlin, 1914.) **Map Room**

Scale, 1 = 666 000. Approx. 10 m. = 1 in.

**Carte générale du domaine du canal.** [New York: Compagnie universelle du canal inter-océanique, 1887.] 3 sheets. Size within border, when joined: ↑28¾ × →130¾ in. **Map Room**

Scale, 1 = 20 000. Approx. 3 in. = 1 m.

Lithographed. Colored.

Feuille 1. Colon — Buena-Vista, du canal kil. 0 au kil. 27.

Feuille 2. Buena-Vista — Emperador, du canal kil. 27 au kil. 54.

Feuille 3. Emperador — Panama, kil. 53 au kil. 74.

**Carte de l'isthme de Panama.** Paris: Erhard, 1879. Size within border: ↑14½ × →15 in. **† TSB**

Scale, 1 = 200 000.

Lithographed. Colored.

One sheet in *Congrès international d'études du canal interocéanique*. Paris, 1879. 4°. Plate 3.

**Carte de l'isthme de Panama indiquant le tracé du canal interocéanique.** Paris: Marchadier et Cie., 1882. Size within border: ↑11 × →18 in. **†† VDA**

Scale, 1 = 200 000.

Lithographed.

One sheet in *La génie civil*, v. 3, p. 26.

**Compagnie nouvelle du canal de Panama.** Plan général du canal. Size within border: ↑23 × →33 in. **† TSB**

Scale, 1 = 100 100.

Lithographed. Colored.

One sheet in *Compagnie nouvelle du canal de Panama. Rapport*. Paris, 1899. plate 1.

**Compagnie universelle du canal interocéanique de Panama.** Plans des principaux chantiers au 1er juin 1884. Paris: Erhard, 1884. Size within border: ↑9½ × →15¾ in. **TSB**

Lithographed. Colored.

One sheet, supplement to no. 119 of *Bulletin du canal interocéanique*.

**Five-acre model of the Panama canal.** (Scientific American. New York, 1915. f°. v. 112, p. 366.) **†† VA**

**General plan of the Panama canal with details of the project based upon a summit level of 20.75 metres; reengraved from the original for the Engineering magazine. Inset, the World.** New York, 1900. Size within border: →30 × ↑14 in. **Map Room**

Scale, 1 = 100 000.

Engraved.

One sheet, supplement to *Engineering magazine*, Feb., 1900, to accompany the article by Charles Paine.

*Panama Canal, continued.**Maps and Views, continued.*

**Gray, C. P.** Gray's aero view of the Panama canal. [Relief map, in colors.] New York: C. P. Gray, 1913. Size:  $\uparrow 28\frac{1}{2} \times \rightarrow 18\frac{1}{2}$  in. **Map Room**

— Sunrise on the Pacific. The world's greatest engineering feat. [Relief map in colors.] New York: C. P. Gray, 1913. Size:  $\uparrow 22\frac{1}{2} \times \rightarrow 18$  in. **Map Room**

**Hammond, C. S.** Map [and profile] of Panama canal, with description and references. New York: C. S. Hammond, 1907. 1 sheet. Size:  $\uparrow 13\frac{1}{2} \times \rightarrow 19$  in. **Map Room**

Scale, 1 = 174 124. Approx.  $\frac{3}{8}$  in. = 1 m.  
Lithographed. Colored.

**Hammond's** descriptive atlas of Panama and the Isthmian canal. Contains new maps, plans, illustrations and complete descriptive text. New York: C. S. Hammond & Co., 1907. 7(1) p. f°. †† **TSB**

**Harrison, Earle.** Panama canal in construction: Lumière photographs in color. (Scribner's magazine. New York, 1913. 8°. v. 54, p. 20-36.) \* **DA**

— The Panama canal; illustrated from the original autochrome photographs. New York: Moffat, Yard & Co., 1913. 34 p., 1 pl. illus. 4°. **TSB**

**Jonas Lie's** paintings of the Panama canal. illus. (Pan-American Union. Bulletin. Washington, 1914. 8°. v. 38, p. 679-683.) **TLA**

**Joseph Pennell's** pictures of Panama. illus. (Current literature. New York, 1912. 8°. v. 53, p. 579-581.) \* **DA**

**Map** of the United States Canal Zone showing the completed Panama canal. Size:  $\uparrow 14 \times \rightarrow 11$  in.

Lithograph. Colored. One sheet in *Hammond's Commercial and library atlas of the world*. New York, 1914. f°. p. 8.

**Mills, William Wirt.** The Panama canal; the world's greatest engineering feat and work of construction. n. t. p. [New York:] M. King, Inc. [1913.] 16 l. illus. ob. 12°. **TSB**

Title on cover: King's views of the Panama canal.

**N., W. H.** A painter of Panama: Jonas Lie. illus. (International studio. New York, 1914. 4°. v. 51, p. cxcii-cxciv.) † **MAA**

**Official map.** History and workings of the Panama canal. All about the Panama canal. Washington, D. C.: J. J. Millroy [1904]. Size:  $\rightarrow 23 \times \uparrow 16$  in. sheet folded as nar. 8°. **TSB**

Scale, 1 in. = 11 110 ft.

**Panama canal.** Present, future, topographic, diagrammatic and illustrative. [Panoramic view.] Compiled from U. S.

gov. reports. Washington, D. C.: E. J. Beverstock, cop. 1903. Size within border:  $\uparrow 16\frac{3}{4} \times \rightarrow 41\frac{1}{4}$  in. **Map Room**

Scale not given.

Lithographed. Colored.

**Panama Canal Company.** Reproduction of a profile of the Panama canal published ... Jan., 1888. Profile showing amount of work done towards building a sea-level canal [and] Profile showing work necessary to complete a lock-canal. n. p. [the company, 1888.] Size:  $\uparrow 13\frac{1}{2} \times \rightarrow 32$  in. **TSB**

**Panama canal in relief.** (Outlook. New York, 1913. 8°. v. 104, p. 692-693.) \* **DA**

**Panama canal route.** (Outlook. New York, 1909. 8°. v. 91, p. 948-949.) \* **DA**

**Pennell, Joseph.** Joseph Pennell's pictures of the Panama canal; reproductions of a series of lithographs made by him on the isthmus of Panama, January - March, 1912, together with impressions and notes by the artist. Philadelphia: J. B. Lippincott Co., 1913. 13(1) p., 29 l., 28 pl. [4. ed.] 4°. **MEM**

— Pictures of Panama canal. illus. (Hearst's magazine. New York, 1913. 8°. v. 23, p. 656-659.) \* **DA**

— Wonder of work on the Panama canal. illus. (International studio. New York, 1913. 4°. v. 48, p. 132-142.) † **MAA**

**Plan d'ensemble du canal interocéanique depuis la baie de Limon jusqu'à Gorgona.** [185-?] Three sheets mounted on cloth with insets showing Colon or Aspinwall, Monkey-Hill, Chantier de Gatun, Chantier de Gorgona. Size when joined:  $\uparrow 40 \times \rightarrow 83$  in. **Map Room**

Scale, 1 = 20 000. Approx. 3 in. = 1 m.

India ink drawing. Colored.

**Plan, profil en long et profils en travers du canal de Panama.** 1912. Size within border:  $\uparrow 12\frac{1}{2} \times \rightarrow 19$  in. **VA**

Scale, 2½ m. = 1 in.

Lithographed. Colored.

One sheet in *Le génie civil*, v. 61, p. 76.

**Plan et profils du canal de Panama d'après le projet de la Compagnie nouvelle.** 1900. Size within border:  $\uparrow 12 \times \rightarrow 18\frac{1}{2}$  in. †† **VA**

Scale, 1 in. = 5 000 meters.

Lithographed. Colored.

One sheet in *Le génie civil*, v. 36, p. 404.

**Profile and map of the Panama lock canal.** Size:  $\uparrow 6\frac{1}{4} \times 9$  in. †† **VA**

Lithographed. Plain.

One sheet in *Scientific American*. New York, 1906. f°. v. 94, p. 212.

**Recent views from the Panama canal.** illus. (Scientific American. New York, 1913. f°. v. 108, p. 432-433.) †† **VA**

[Relief map of Panama canal.] New York Herald, magazine section, March 23, 1913. 1 sheet. Size:  $\uparrow 11 \times \rightarrow 20$  in. **Map Room**

Scale not given. Colored.

*Panama Canal, continued.*  
*Maps and Views, continued.*

**United States.**— Isthmian Canal Commission. Lock canal project. Map showing line of proposed lock canal with summit elevation at 85 feet. [Panama canal.] 1906. New York: J. Bien, 1906. 1 sheet. Size:  $\rightarrow 48\frac{1}{2} \times \uparrow 26$  in. **Map Room**

Scale, 1 in. = 1 m.  
Lithographed. Colored.

— Map of Canal Zone to accompany the annual report of the commission. Culebra, Canal Zone, September, 1907. 1 sheet. Size within border:  $\uparrow 11\frac{3}{4} \times \rightarrow 32\frac{3}{4}$  in. **Map Room**

Scale,  $5\frac{1}{2}$  in. = 1 m.  
Lithographed. Colored.

**View** of the isthmus of Panama along the line of the canal from Culebra Hill on the right to the Pacific ocean on the left. Panoramic view of the Pacific division looking south, June, 1909. Size within border:  $\uparrow 9\frac{1}{2} \times \rightarrow 52\frac{1}{2}$  in. **†† VA**

Lithographed. Plain.  
One sheet in *Engineering record*, v. 60, p. 622.

**Vischer, Alfredo.** Mapa de America Central por Alfredo Vischer. Stuttgart: W. C. Rübssamen, 1910. Size:  $\uparrow 47 \times \rightarrow 57$  in. **Map Room**

Scale, 1 = 1 000 000 (1 in. =  $15\frac{1}{2}$  m.).  
Lithographed.  
Inset: Map of Canal Zone [and] profile of the Panama canal. Scale, 1 = 250 000. Size, 13 x 15 in.

**Vue générale panoramique du canal interocéanique de Panama.** Paris: E. Dufrenoy, 1886. Size within border:  $\uparrow 7\frac{1}{2} \times \rightarrow 24\frac{1}{4}$  in. **† HCK**

Lithographed. Colored.  
One sheet in André Bresson, *Bolivia*, Paris, 1886. 4°.

**Yokohama.**— Chamber of Commerce. Aeronautical view of the Panama canal. [Yokohama: The Chamber of Commerce, 1912.] Explanation in Japanese. 1 sheet. Size within border:  $\uparrow 14 \times \rightarrow 10\frac{1}{2}$  in. **Map Div.**

Scale not given.  
Lithographed. Colored.

POETRY

**Braley, Berton.** Songs from Panama. (Harper's weekly. New York, 1913. f°. v. 58, p. 23.) **\* DA**

**Chantey** of the ditch diggers. n. t.-p. [Panama, 1911?] 2 l. 8°. **NBH p.v.54, no.9**

**Hanson, Joseph Mills.** Panama. illus. (Scribner's magazine. New York, 1915. 8°. v. 57, p. 282-283.) **\* DA**

**Mackaye, Percy.** The present hour; a book of poems. New York: Macmillan Co., 1914. xii, 119 p., 1 port. 12°. **NBI**

Panama hymn, p. 65-67. Goethals, p. 68-70.  
The Panama hymn first appeared in *North American review*, v. 197, p. 499-500.

**Phillips, Stephen.** Marriage of the seas. (Cosmopolitan. New York, 1913. 8°. v. 55, p. 178-180.) **\* DA**

— Panama, and other poems, narrative and occasional. With a frontispiece by Joseph Pennell. New York: J. Lane Co., 1915. 153 p., front. 12°. **NCM**

Panama, p. 9-13.

**Runyon, A. D.** Song of Panama; poem. (Chautauquan. Chautauqua, N. Y., 1912. 12°. v. 65, p. 177.) **\* DA**

**Stafford, Wendell Philips.** Panama hymn. (Atlantic monthly. New York, 1913. 8°. v. 112, p. 790.) **\* DA**

TEHUANTEPEC ROUTE

**American Scientific Commission.** Report of the American Scientific Commission on the artificial waterways of Europe, with special reference to the Tehuantepec railway and ship canal.— October 16, 1871. London: The Chiswick Press, 1871. (In: Simon Stevens, The new route of commerce by the isthmus of Tehuantepec. London, 1871. 8°. p. 33-48.) **TPV**

**Ammen, Daniel.** Objections to the isthmus of Tehuantepec as a canal route. (American Geographical Society. Bulletin. New York, 1879. 8°. v. 11, p. 297-300.) **KA A**

**Cheff, A. E.** Isthmian ship railway. illus. (Scientific American supplement. New York, 1902. f°. v. 53, p. 21848-21849.) **†† VA**

**Corthell, Elmer Lawrence.** Advantages of the Tehuantepec interoceanic route. 2 maps. (Engineering magazine. New York, 1894. 8°. v. 8, p. 259-271.) **VDA**

— The Atlantic & Pacific ship-railway across the isthmus of Tehuantepec, in Mexico... [New York: Browne & Co.,] 1886. 4 p.l., (1)4-80 p. illus. 8°. **\* C p.v.1466, no.6**

— The interoceanic problem and its scientific solution. An address before the American Association for the Advancement of Science, August 26, 1885. [Ann Arbor, 1885.] 40 p., 1 map, 5 pl. 8°. **\* C p.v.1365, no.9**

— Isthmian ship railway. Address before New York Academy of Sciences, Dec. 20, 1886. [New York, 1886.] 25 p. 8°. **TPV p.v.3, no.3**

*Tehuantepec Route, continued.*

— Lecture before the National Geographic Society at Washington, D. C., November 22, 1895. The Tehuantepec route. Washington: Gov. Prtg. Off., 1895. 32 p., 11 pl. 8°. (U. S. 54. cong. 1. sess. Sen. doc. 34.) **TSB p.v.28, no.21**

— The ship railway between the Atlantic and Pacific. (Science. New York, 1885. 8°. v. 6, p. 33-34.) **OA**

— Tehuantepec ship railway. 2 maps, 4 pl. (Franklin Institute. Journal. Philadelphia, 1884. 8°. v. 119, p. 457-489.) **VA**

— The Tehuantepec ship railway. (National geographic magazine. Washington, 1896. 8°. v. 7, p. 64-72.) **KAA**

**Dallas, George M.** The isthmus of Tehuantepec. (Franklin Institute. Journal. Philadelphia, 1847. 8°. v. 44, p. 15-21.) **VA**

— Remarks upon the proposed ship canal across the isthmus of Tehuantepec. (Bankers' magazine. Baltimore, 1847. 8°. v. 2, p. 224-229.) **THA**

**Eads, James Buchanan.** Address before the House Select Committee on Inter-oceanic Canals, March 9, 1880, in reply to Count de Lesseps (with continuation). Washington, 1880. 10, 29 p. 8°. **TSB p.v.31, no.10**

— The Isthmian ship-railway. (North American review. New York, 1881. 8°. v. 132, p. 223-238.) **\* DA**

**Falconer, Thomas.** Survey of the isthmus of Tehuantepec. (Royal Geographical Society. Journal. London, 1844. 8°. v. 14, p. 306-313.) **KAA**

**Garay, José de.** An account of the isthmus of Tehuantepec in the republic of Mexico; with proposals for establishing a communication between the Atlantic and Pacific oceans, based upon the surveys and reports of a scientific commission, appointed by the projector, Don José de Garay. London: J. D. Smith and Co., 1846. 128 p., 2 maps. 8°. **TSB**

— Impresión que hace la Compañía Norte-Americana, establecida en Nueva Orleans, para la empresa de la comunicación inter-oceánica por el istmo de Tehuantepec, y poseedora del privilegio de la concesión hecha por el gobierno supremo de Méjico al Don J. de Garay... (New Orleans: Imp. del Correo de Louisiana, 1852. 48 p. 8°. **TSB p.v.73, no.9**

**Griswold, C. D.** Proposed route for a ship canal. (In his: The isthmus of Panama and what I saw there. New York, 1852. 12°. p. 108-121.) **HDL**

**Hall, H. H.** Address on the Tehuantepec route. (American Geographical Society. Journal. New York, 1879. 8°. v. 11, p. 263-280.) **KAA**

**Hughes, George W.** Isthmus of Tehuantepec. (In his: Letter on intermarine communications. Washington, 1850. 8°. p. 9-15.) **TPV p.v.2, no.1**

The **Interoceanic** ship railway. illus. (Knowledge. London, 1885. 4°. v. 7, p. 196-198, 217-219, 239-240.) **OA**

Der **Interoceanische** Tehuantepec-Kanal. (Das Ausland. Stuttgart, 1885. f°. Bd. 58, p. 669-672.) **†† KAA**

**Liot, W. B.** Panama, Nicaragua, and Tehuantepec; or, Considerations upon the question of communication between the Atlantic and Pacific oceans. London, 1849. vi, 63 p. 8°. **TSB**

**Marcel, Gabriel.** L'isthme de Tehuantepec. (Journal des économistes. Paris, 1872. 8°. série 3, v. 25, p. 467-470.) **TAA**

**Moro, Cayetano.** Observations in relation to a communication between the Atlantic and Pacific oceans, through the isthmus of Tehuantepec, founded on a report on this subject by Señor G. Moro, under whose direction a scientific survey of the isthmus was made. New York: R. Craighead, prtr., 1849. 50 p., 3 maps. 8°. **TPV p.v.2, no.5**

— Reconocimiento del istmo de Tehuantepec, practicado en los años 1842 y 1843, con el objeto de una comunicación oceánica, por la comisión científica que nombró al efecto el empresario Don José de Garay. (Signed Cayetano Moro.) Londres: Akermann y Compa., 1844. 3 p.l., 183 p., 5 maps. 8°. **TSB**

— Survey of the isthmus of Tehuantepec executed in the years 1842 and 1843, with the intent of establishing a communication between the Atlantic and Pacific oceans, and under the superintendence of a scientific commission appointed by the projector, Don José de Garay. London: Ackerman & Co., 1844. 2 p.l., 188 p., 5 maps. 8°. **TSB**

**Murphy, John McLeod.** The isthmus of Tehuantepec. (American Geographical Society. Journal. New York, 1859. 8°. v. 1, p. 162-177.) **KAA**

**Phelps, S. L.** Review of proposed Tehuantepec ship-railway, June 1, 1881. (By S. L. Phelps. Being a criticism of an article by Capt. J. B. Eads in the North American review, entitled "The Isthmian ship-railway.") n. p.: Gibson Bros., 1881. 2 p.l., 3-75 p., 1 map. 8°. **TPV p.v.7, no.3**

**Ramirez, José Fernando.** Memorias, negociaciones y documentos, par servir á la historia de las deferencias que han suscitado entre México y los Estados-Unidos, los tenedores del antiguo privilegio, con cedido para la comunicación de los mares Atlántico y Pacifico, por el istmo de Te-

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**Reed**, Edward James. Letter to Rear-Admiral Ammen, U. S. N., on ship railways and canals on the American isthmus. [London?] 1881. 12 p. 8°. **TPV p.v.3, no.7**

**Report** on the Tehuantepec railway and ship canal to the president of the Tehuantepec Railway Company, New York, October 16, 1871. (American Geographical Society. Journal. New York, 1873. 8°. v. 3, p. 321-332.) **KAA**

**Robinson**, William Davis. Memoirs of the Mexican revolution, including a narrative of the expedition of General Xavier Mina. With some observations on the practicability of opening a communication between the Pacific and Atlantic oceans, through the Mexican isthmus... and on the future importance of such commerce to the civilized world... Philadelphia: the author, 1820. xxxvi, 396 p. 8°. **HTL**

**Romero**, Matias. The Tehuantepec railway. (Engineering magazine. New York, 1894. 8°. v. 6, p. 872-884.) **VDA**

**Shufeldt**, Robert Wilson. Reports of the explorations and surveys, to ascertain the practicability of a ship-canal between the Atlantic and Pacific oceans, by way of the isthmus of Tehuantepec. Washington: Gov. Prtg. Off., 1872. 150 p., 31 pl. f°. (U. S. Navy Department. U. S. 42. cong., 2. sess. Sen. ex. doc. 6.) † **TSB**

**Stevens**, Simon. The new route of commerce by the isthmus of Tehuantepec. A paper read before the American Geographical Society of New York, November 15, 1870. London: The Chiswick Press, 1871. 1 p.l., 68 p., 2 maps. 8°. **TPV**

Also printed in the *Journal of the American Geographical Society*, v. 3, p. 300-320, **KAA**.

The **Tehuantepec** canal scheme vs. the Darien and Nicaragua routes. (Franklin Institute. Journal. Philadelphia, 1870. 8°. v. 89, p. 219-221.) **VA**

**Tehuantepec** railroad vs. the isthmian canal. illus. (Scientific American. New York, 1902. f°. v. 87, p. 57-58.) †† **VA**

The **Tehuantepec** ship railway. (Chambers' journal. London, 1885. 8°. p. 637-639.) \* **DA**

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**Tehuantepec** ship railway. The proposed Atlantic and Pacific ship railway. n. t.-p. [London?] 1884. 16 p. 8°. **TPY p.v.25, no.8**

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**Twombly**, A. S. The Tehuantepec railway and ship canal. (Engineering magazine. New York, 1871. 8°. v. 6, p. 129-134.) **VDA**

— The Tehuantepec ship canal. (Scribner's monthly. New York, 1873. 8°. v. 5, p. 401-421.) \* **DA**

**Williams**, J. J. Extract from the report of J. J. Williams on the location of the Tehuantepec railway and ship canal. 1870. (American Geographical Society. Journal. New York, 1873. 8°. v. 3, p. 337-342.) **KAA**

— Report of J. J. Williams, chief engineer of the Tehuantepec Railway, on the subject of a ship canal across the isthmus of Tehuantepec. 1 map. (In his: Report upon the location of the Tehuantepec railway. New York, 1870. 8°. p. 7-16.) **TPV p.v.3, no.12**

— The Tehuantepec canal. (Engineering. London, 1870. f°. v. 10, p. 358.) †† **VDA**







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